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PATENT

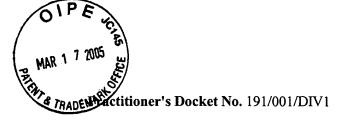
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Applic	ation of:)		
Uterr	nohlen, Joseph, et al)	Group No.:	1637
Serial No: 10	/652,676)		
Filed: 08/28/	/2003)	Examiner: Tu	ing, Joyce (predicted)
•	cation Buffers Using Low Molecula can Sulfate and Methods for Their V	·		
	TRANSM	AITTAL LETI	TER .	
P.O. Box 145	er for Patents 50 VA 22313-1450			
Dear Sir:				
In regard to the	he above-referenced patent applica-	tion, enclosed p	lease find:	
(1)	Transmittal of Information Disc Before Mailing of First Office A duplicate			
(2)	Information Disclosure Stateme	nt	^	
(3)	Post Card	11 /	<i>>(</i> 1	
Date: 3/	14/05	the to		
		Signature of Pr	ractitioner	
Reg. No.: 33		Huw R. Jones,	-	
Tel. No.: 520			cal Systems, Inc	
Fax No.: 520		1910 Innovation		
Customer No	.: 23874	Tucson, AZ 8	5737	

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In the Application of:)		
Utermohlen, Joseph, et al)	Group No.:	1637
Serial No: 10/652,676)		
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Filed: 08/28/2003)		
)		
For: Hybridization Buffers Using Low Molecular)		
Weight Dextran Sulfate and Methods for Their Use)		

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT WITHIN THREE MONTHS OF FILING OR BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. section 1.97(b)) AND AUTHORIZATION TO CHARGE DEPOSIT ACCOUNT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

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The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. 37 C.F.R. section 1.97(b). Accordingly, no fee should be required for filing this information disclosure statement. However, if the Office determines that a fee is required, please charge any fee to Deposit Account 50-

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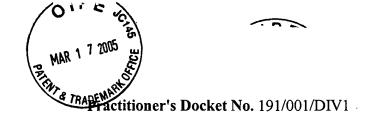
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For: Hybridization Buffers Using Low Molecular)
Weight Dextran Sulfate and Methods for Their Use)

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

List of Sections Forming Part of This Information Disclosure Statement

The following sections are being submitted for this Information Disclosure Statement:

- 1. Forms PTO/SB/08A and 08B (formerly Form PTO-1449)
- 2. Copies of Listed Information Items Accompanying This Statement

Forms PTO/SB/08A and 08B (substitute for Form PTO-1449) Section 1.

(Information Disclosure Statement)

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PTO/SB/08A (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Substitute for form 1449/PTO

Complete if Known				
Application Number	10/652,676			
Filing Date	08/28/2003			
First Named Inventor	Utermohlen			
Art Unit	1637			
Examiner Name	Not yet assigned			
Attorney Docket Number	191/001/DIV1	J		

(Use as many sheets as necessary)

Sheet 1 of 1

U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	A1	^{US-} 4302204	11/24/1981	Wahl, et al		
	B1	^{US-} 4689294	08/25/1987	Boguslawski, et al		
-	C1	^{US-} 4886741	12/12/1989	Schwartz		
	D1	^{US-} 5750340	05/12/1998	Kim, et al		
	E1	^{US-} 5985549	11/16/1999	Singer, et al		
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Examiner Cite Initials* No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear
	G1	WO89/05357 .	06/15/1989	Microprobe Corp	
	H1	EP0508568A2 .	10/14/1992	Amoco Corp	

Examiner	Date	
Signature	Considered	
-		1

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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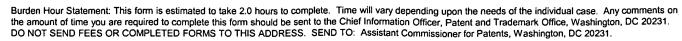
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Substitute for form 1449B/PTO			Complete if Known		
			Application Number	10/652,676	
INF	ORMATION	I DISCLOSURE	Filing Date	08/28/2003	
STATEMENT BY APPLICANT			First Named Inventor	Utermohlen	
			Group Art Unit	1637	
	(use as many s	sheets as necessary)	Examiner Name	Not yet assigned	
Sheet	1	of 1	Attorney Docket Number	191/001/DIV1	

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. AMASINO, "Acceleration of Nucleic Acid Hybridization Rate by Polyethylene Glycol," Analytical Biochemistry, Vol. 152 (No. 2), p. 304-307, (February 1, 1986). BARR, ET AL, "Application of a Subtraction Hybridization Technique Involving Photoactivatable Biotin and Organic Extraction to Solution Hybridization Analysis of Genomic DNA," Analytical Biochemistry, Vol. 186 (No. 2), p. 369-373, (May 1, 1990). FLEMMING, ET AL, "Optimization of Non-Isotopic In Situ Hybridization on Formalin-Fixed, Paraffin-Embedded Material Using Digoxigenin-Labelled Probes and Transgenic Tissues," Journal of Pathology, Vol. 167 (No. 1), p. 9-17, (February 10, 1992). GINGERAS, ET AL, "Hybridization Properties of Immobilized Nucleic Acid," Nucleic Acids	T²
Analytical Biochemistry, Vol. 152 (No. 2), p. 304-307, (February 1, 1986). BARR, ET AL, "Application of a Subtraction Hybridization Technique Involving Photoactivatable Biotin and Organic Extraction to Solution Hybridization Analysis of Genomic DNA," Analytical Biochemistry, Vol. 186 (No. 2), p. 369-373, (May 1, 1990). FLEMMING, ET AL, "Optimization of Non-Isotopic In Situ Hybridization on Formalin-Fixed, Paraffin-Embedded Material Using Digoxigenin-Labelled Probes and Transgenic Tissues," Journal of Pathology, Vol. 167 (No. 1), p. 9-17, (February 10, 1992). GINGERAS, ET AL, "Hybridization Properties of Immobilized Nucleic Acid," Nucleic Acids	
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Examiner	Date	
Signature	 Considered	

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.



^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Section 2. Copies of Listed Information Items Accompanying This Statement

Legible copies of all items listed in Forms PTO/SB/08A and 08B (substitute for Form PTO-1449) accompany this information statement.